ELSEVIER

Applied Numerical Mathematics 13 (1994) 513–514

APPLIED NUMERICAL MATHEMATICS

Author Index—Volume 13 (1993/1994)

(The issue number is given in front of the page numbers)

Arnold, M., Stability of numerical methods for differential-algebraic equations of higher index (1–3) 5– 14

Behforooz, G.H., A new approach to spline functions (4) 271–276

Biswas, R. and **R.C. Strawn**, A new procedure for dynamic adaption of three-dimensional unstructured grids (6) 437–452

Bocher, P., see **Vanden Berghe, G.** (1–3) 15– 22

Brasey, V. and **E. Hairer**, Symmetrized half-explicit methods for constrained mechanical systems (1–3) 23– 31

Bruder, J., Linearly-implicit Runge–Kutta methods based on implicit Runge–Kutta methods (1–3) 33– 40

Brugnano, L. and **D. Trigiante**, A parallel preconditioning technique for boundary value methods (4) 277–290

Brugnano, L. and **D. Trigiante**, Stability properties of some boundary value methods (4) 291–304

Büttner, M., B.A. Schmitt and **R. Weiner**, Automatic partitioning in linearly-implicit Runge–Kutta methods (1–3) 41– 55

Carstensen, C. and **M.S. Petković**, An improvement of Gargantini's simultaneous inclusion method for polynomial roots by Schröder's correction (6) 453–468

De Meyer, H., M. Van Daele and **G. Vanden Berghe**, On the implementation of parallel iterated Runge–Kutta methods on a transputer network (1–3) 155–163

De Meyer, H., see **Vanden Berghe, G.** (1–3) 15– 22

Denk, G., A new numerical method for the integration of highly oscillatory second-order ordinary differential equations (1–3) 57– 67

Ferreira, J.A., The second-order initial/boundary value problem: supraconvergence of regridding methods (1–3) 69– 81

Gasca, M. and **J.M. Peña**, Scaled pivoting in Gauss and Neville elimination for totally positive systems (5) 345–355

Günther, M. and **P. Rentrop**, Multirate ROW methods and latency of electric circuits (1–3) 83–102

Hairer, E., see **Brasey, V.** (1–3) 23– 31

Han Guoqiang, , Asymptotic error expansion of a collocation-type method for Volterra–Hammerstein integral equations (5) 357–369

Hermann, M. and **D. Kaiser**, RWPM: a software package of shooting methods for nonlinear two-point boundary value problems (1–3) 103–108

Horváth, Z., Consistency and stability for some nonnegativity-conserving methods (5) 371–381

Hundsdorfer, W. and **R.A. Trompert**, Method of lines and direct discretization: a comparison for linear advection (6) 469–490

Jameson, A., Computational algorithms for aerodynamic analysis and design (5) 383–422

Kaiser, D., see **Hermann, M.** (1–3) 103–108

Kauthen, J.-P., Implicit Runge–Kutta methods for some integrodifferential-algebraic equations (1–3) 125–134

Lang, J. and **A. Walter**, An adaptive Rothe method for nonlinear reaction–diffusion systems (1–3) 135–146

Larsson, S., see **Sanz-Serna, J.M.** (1–3) 181–190

López-Marcos, M.A., A note on the computation of bifurcation diagrams of the Kuramoto–Sivashinsky equation by pseudospectral methods (1–3) 147–154

Mattheij, R.M.M. and **S.J. Wright**, Parallel stable compactification for ODEs with parameters and multipoint conditions (4) 305–333

Mei, Z., see **Schmitt, B.A.** (1–3) 199–209

Elsevier Science B.V.

Naidu, K.B., see **Ratish Kumar, B.V.** (4) 335–344
Negrón-Marrero, P.V. and **B.L. Santiago-Figueroa**, Novel stability patterns for the large necking of plates in tension: a numerical study (6) 491–512
Nguyen huu Cong, see **Van der Houwen, P.J.** (1–3) 109–123

Ostermann, A., A class of half-explicit Runge–Kutta methods for differential-algebraic systems of index 3 (1–3) 165–179

Peña, J.M., see **Gasca, M.** (5) 345–355
Petković, M.S., see **Carstensen, C.** (6) 453–468

Ratish Kumar, B.V. and **K.B. Naidu**, A streamline upwinding streamfunction–vorticity finite element analysis of Navier–Stokes equations (4) 335–344
Rentrop, P., see **Günther, M.** (1–3) 83–102

Santiago-Figueroa, B.L., see **Negrón-Marrero, P.V.** (6) 491–512
Sanz-Serna, J.M. and **S. Larsson**, Shadows, chaos, and saddles (1–3) 181–190
Schild, K.H., Stability properties of non-rationally stabilized collocation schemes for stiff boundary value problems (1–3) 191–198
Schmitt, B.A. and **Z. Mei**, Construction of higher-order algebraic one-step schemes in stiff BVPs (1–3) 199–209
Schmitt, B.A., see **Büttner, M.** (1–3) 41– 55
Simeon, B., An extended descriptor form for the numerical integration of multibody systems (1–3) 209–220
Sommeijer, B.P., Explicit, high-order Runge–Kutta–Nyström methods for parallel computers (1–3) 221–240
Spijker, M.N., Numerical ranges and stability estimates (1–3) 241–249
Strawn, R.C., see **Biswas, R.** (6) 437–452

Trigiante, D., see **Brugnano, L.** (4) 277–290
Trigiante, D., see **Brugnano, L.** (4) 291–304
Trompert, R.A., see **Hundsdorfer, W.** (6) 469–490
Trompert, R.A., see **Verwer, J.G.** (1–3) 251–270

Van Daele, M., see **De Meyer, H.** (1–3) 155–163
Vanden Berghe, G., P. Bocher and **H. De Meyer**, Numerical solution of Fredholm equations based on mixed interpolation (1–3) 15– 22
Vanden Berghe, G., see **De Meyer, H.** (1–3) 155–163
Van der Houwen, P.J. and **Nguyen huu Cong**, Parallel block predictor–corrector methods of Runge–Kutta type (1–3) 109–123
Verlan, I.I., About a family of C^4 splines with one free generating function (5) 423–435
Verwer, J.G. and **R.A. Trompert**, Analysis of local uniform grid refinement (1–3) 251–270

Walter, A., see **Lang, J.** (1–3) 135–146
Weiner, R., see **Büttner, M.** (1–3) 41– 55
Wright, S.J., see **Mattheij, R.M.M.** (4) 305–333